



March 14, 2019

CERTIFIED MAIL

Mr. George S. (Tad) Aburn
Director – Air & Radiation Management Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230

RE: ACHD Required State Notification – Installation Permit Application

Dear Mr. Aburn:

Pursuant to Allegheny County Health Department (ACHD) Rules and Regulations, Article XXI §2102.05(b), Invenergy LLC (Invenergy) hereby notifies the Maryland Department of the Environment (MDE) of its submittal of an Installation Permit Application (Application) to ACHD to construct a nominal 626 megawatt (MW) natural gas-fired combined-cycle power plant (Project) in Elizabeth Township, Allegheny County, Pennsylvania. The Project is projected to start-up by June 2023. Potential emissions associated with the Facility are included as Attachment A. The effective stack heights of significant emissions points are included as Attachment B. Both attachments are provided in accordance with ACHD regulations.

The ACHD will accept comments on the Application during a 30-day period, which begins upon your receipt of this notification, at 301 39th Street, Building 7, Pittsburgh, Pennsylvania 15201. If you have any questions or concerns regarding the above information, please contact me at (312) 582-1504 or dewan@invenergyllc.com or Dan Dix of ALL4 LLC at (610) 422-1118 or ddix@all4in.com.

Sincerely,
Invenergy LLC

Dan Ewan
Vice President

cc: Dan Dix (ALL4)

Attachments: Attachment A: Summary of Potential Emissions
Attachment B: Summary of Emissions Sources

ATTACHMENT A
SUMMARY OF POTENTIAL EMISSIONS

Table A-1
Summary of Project Potential Emissions
Invenergy LLC - Allegheny Energy Center

Pollutant	Potential to Emit (tpy)
NO _x	145.71
CO	170.41
VOC	93.40
SO ₂	24.43
PM	45.05
PM ₁₀	90.71
PM _{2.5}	90.66
H ₂ SO ₄	22.29
Pb	9.24E-04
GHGs (CO ₂ e)	1,951,188.82
Total HAP	10.50

ATTACHMENT B
SUMMARY OF EMISSIONS SOURCES

Table B-1
Summary of Physical Stack Characteristics
Invenergy LLC - Allegheny Energy Center

Source	Stack Height	
	(ft)	(m)
Auxiliary Boiler	35.00	10.67
Dew Point Heater	25.00	7.62
Emergency Generator	15.00	4.57
Fire Water Pump	12.50	3.81
HRSG ^(a)	180.00	54.86

^(a) The combustion turbine and the duct burners vent to a common HRSG stack.



March 14, 2019

CERTIFIED MAIL

Mr. Robert Hodanbosi
Ohio Environmental Protection Agency – Division of Air Pollution Control
Lazarus Government Center
50 W. Town St., Suite 700
P.O. Box 1049
Columbus, OH 43216-1049

RE: ACHD Required State Notification – Installation Permit Application

Dear Mr. Hodanbosi:

Pursuant to Allegheny County Health Department (ACHD) Rules and Regulations, Article XXI §2102.05(b), Invenergy LLC (Invenergy) hereby notifies the Ohio Environmental Protection Agency (OEPA) of its submittal of an Installation Permit Application (Application) to ACHD to construct a nominal 626 megawatt (MW) natural gas-fired combined-cycle power plant (Project) in Elizabeth Township, Allegheny County, Pennsylvania. The Project is projected to start-up by June 2023. Potential emissions associated with the Facility are included as Attachment A. The effective stack heights of significant emissions points are included as Attachment B. Both attachments are provided in accordance with ACHD regulations

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CERTIFIED MAIL

Mr. William F. Durham
Division of Air Quality Director
West Virginia Department of Environmental Protection
601 57th Street
Charleston, West Virginia 25304

RE: ACHD Required State Notification – Installation Permit Application

Dear Mr. Durham:

Pursuant to Allegheny County Health Department (ACHD) Rules and Regulations, Article XXI §2102.05(b), Invenergy LLC (Invenergy) hereby notifies the West Virginia Department of Environmental Protection (WVDEP) of its submittal of an Installation Permit Application (Application) to ACHD to construct a nominal 626 megawatt (MW) natural gas-fired combined-cycle power plant (Project) in Elizabeth Township, Allegheny County, Pennsylvania. The Project is projected to start-up by June 2023. Potential emissions associated with the Facility are included as Attachment A. The effective stack heights of significant emissions points are included as Attachment B. Both attachments are provided in accordance with ACHD regulations.

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